

Title (en)

Data copying in storage systems

Title (de)

Datenkopieren in Speichersystemen

Title (fr)

Replication de données dans des systèmes de stockage

Publication

**EP 0981091 A3 20061025 (EN)**

Application

**EP 99116045 A 19990816**

Priority

JP 23386098 A 19980820

Abstract (en)

[origin: EP0981091A2] In a storage system, a logical volume (104) is divided into a plurality of small areas called logical storage devices (200) and only such an area designated by a user is made an object of remote copying or migratory copying. Also, there is provided a unit (1011) for forming a logical volume (104) from any logical storage device (200) of any RAID group (205). Thereby, the reduction of the deterioration in performance at the time of remote copying, the reduction of a storage area to be assigned to a secondary site as a copy destination, the shortening of a time required for migratory copying and the assignment of any area of a logical volume on any RAID group are enabled.

IPC 8 full level

**G06F 11/20** (2006.01); **G06F 11/14** (2006.01)

CPC (source: EP US)

**G06F 11/1451** (2013.01 - EP US); **G06F 11/2064** (2013.01 - EP US); **G06F 11/2082** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0566966 A2 19931027 - IBM [US]
- [X] EP 0672985 A1 19950920 - IBM [US]
- [A] US 5555371 A 19960910 - DUYANOVICH LINDA MARIE [US], et al
- [A] US 5511177 A 19960423 - KAGIMASA TOYOHICO [JP], et al

Cited by

KR20020004041A; CN108847879A; EP1148416A3; EP1449088A4; EP1465049A3; EP1170657A3; EP1507206A3; CN100430914C; EP1357476A3; EP1770501A3; US8448167B2; US7603519B2; US7308528B2; US7275100B2; US7076687B2; WO2010095174A1; US7441148B2; US7152183B2; US7111138B2; US7222172B2; US7469289B2; EP1357476A2; US7457929B2; US7216209B2; US7827369B2; US7930500B2; US8489835B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

**EP 0981091 A2 20000223**; **EP 0981091 A3 20061025**; **EP 0981091 B1 20080319**; DE 69938378 D1 20080430; DE 69938378 T2 20090430; US 2004107315 A1 20040603; US 6681303 B1 20040120; US 7162598 B2 20070109

DOCDB simple family (application)

**EP 99116045 A 19990816**; DE 69938378 T 19990816; US 37699199 A 19990819; US 72108803 A 20031126